

Converting Colors

XYZ(23.4613, 17.8504, 21.1704)

Have a look what the booklet for
XYZ(23.4613, 17.8504, 21.1704)
contains.

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Color

**XYZ(23.5468, 17.9280,
21.2882)**

Conversions

Conversions Part 1

Format	Color
Hex	A6607C
RGB	166, 96, 124
RGB Percent	65%, 38%, 49%
CMY	0.3490, 0.6235, 0.5137
CMYK	0.00, 0.42, 0.25, 0.35
HSL	336°, 28%, 51%
HSV	336°, 42%, 65%
XYZ	23.5468, 17.9280, 21.2882
YIQ	120.1220, 32.7320, 23.5480

Conversions

Conversions Part 2

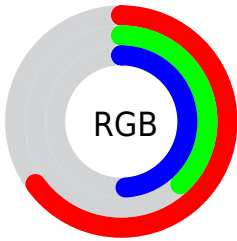
Format	Color
RYB	166, 96, 124
Decimal	10903676
CIELab	49.41, 32.09, -3.31
CIELCh	49, 32.264, 354.118
Yxy	17.9280, 0.3752, 0.2856
Android (android.graphics.Color)	4289093756 (0xFFA6607C)
YUV	120.1220, 1.9119, 40.2350
Hunter-Lab	42.3415, 25.1693, -0.1705

Details

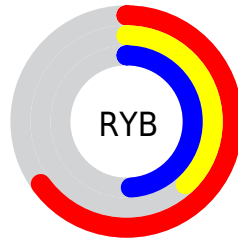
The XYZ color **23.5468, 17.9280, 21.2882** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.0483, 31.5945, 28.9299**, and the grayscale version is **17.8789, 18.8100, 20.4841**.

A 20% lighter version of the original color is **48.8578, 40.0024, 46.2204**, and **8.9686, 5.9858, 7.3393** is the 20% darker color. If you saturate the color by 10%, you get **21.5907, 14.9734, 17.6838**, and if you desaturate by 10%, it is **25.8874, 21.5494, 25.3351**.

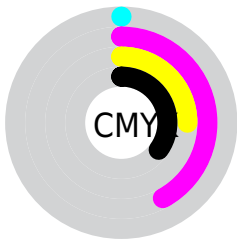
Distribution



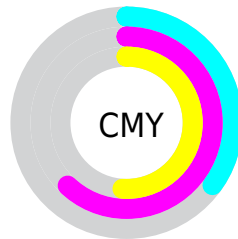
- Red (65%)
- Green (38%)
- Blue (49%)



- Red (65%)
- Yellow (38%)
- Blue (49%)



- Cyan (0%)
- Magenta (42%)
- Yellow (25%)
- Black (35%)



- Cyan (35%)
- Magenta (62%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.5468, 17.9280, 21.2882 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 23.5468, 17.9280, 21.2882 by changing the saturation by 10% instead.

■ 23.5468, 17.9280,
21.2882

■ 23.5468, 17.9280,
21.2882

263.0044,
240.4649, 271.6374

■ 15.1207, 10.8983,
13.1415

■ 48.7497, 39.9146,
46.4537

■ 8.9910, 5.9985,
7.3942

■ 66.2572, 55.6403,
64.3096

■ 4.7924, 2.8442,
3.6277

■ 87.5226, 75.0335,
86.2390

■ 2.1595, 1.0509,
1.4234

■ 112.9111, 98.4785,
112.6604

■ 0.7212, 0.0000,
0.1599

142.7882,
126.3597, 143.9924

■ 0.0000, 0.0000,
0.0000

177.5192,

159.0616, 180.6536

217.4695,
196.9685, 223.0624

■ 23.5468, 17.9280,
21.2882

■ 23.5468, 17.9280,
21.2882

■ 21.5907, 14.9734,
17.6838

■ 25.8874, 21.5494,
25.3351

■ 19.9953, 12.6415,
14.5041

■ 28.6312, 25.8727,
29.8391

■ 18.7366, 10.8873,
11.7317


■ 31.7976, 30.9338,
34.8154


■ 17.7867, 9.6582,
9.3469


■ 35.4043, 36.7652,
40.2779


■ 17.1126, 8.8920,
7.3280


■ 39.4677, 43.3974,
46.2403

 16.7209, 8.5050,
5.9758

 44.0037, 50.8596,
52.7153

 49.0272, 59.1791,
59.7154

 54.5525, 68.3821,
67.2526

 60.5932, 78.4939,
75.3383

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



22.2329, 17.9280, 31.0789



23.5468, 17.9280, 21.2882



22.9564, 17.9280, 13.4436

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



23.5468, 17.9280, 21.2882



14.7596, 17.9280, 7.8744



13.8361, 17.9280, 36.4848

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



23.5468, 17.9280, 21.2882



23.0483, 31.5945, 28.9299

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



12.2390, 17.9280, 27.1981



23.5468, 17.9280, 21.2882



12.7261, 17.9280, 11.2554

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



23.5468, 17.9280, 21.2882



17.6466, 17.9280, 7.1477



11.8581, 17.9280, 17.8536



16.4476, 17.9280, 41.3791

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



23.5468, 17.9280, 21.2882



21.5942, 17.9280, 10.0260



11.8581, 17.9280, 17.8536



13.1759, 17.9280, 33.6608

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



23.5473, 17.9289, 21.2886



57.0537, 55.0877, 62.1731



21.5478, 16.5232, 38.1299



12.4813, 11.8685, 13.4683



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



23.5473, 17.9289, 21.2886



39.2555, 27.2799, 32.2288



22.6881, 18.6530, 13.4721



7.6508, 7.5902, 8.4782



12.9881, 6.6040, 4.7490



0.3414, 0.1708, 0.2493

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



23.5473, 17.9289, 21.2886



39.2555, 27.2799, 32.2288



24.1055, 30.0366, 40.6035



7.6508, 7.5902, 8.4782



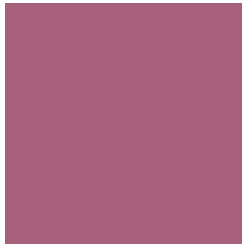
12.9881, 6.6040, 4.7490



0.3414, 0.1708, 0.2493

Previews

White Background



This preview shows how the XYZ color 23.5468, 17.9280, 21.2882 looks on a white background.

Color Contrast Check

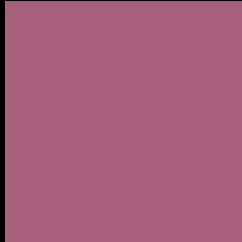
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 23.5468, 17.9280, 21.2882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

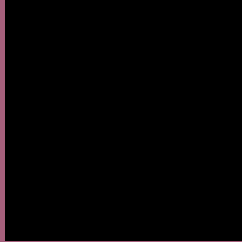
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.5468, 17.9280, 21.2882

Background



This preview shows how black text looks on a background with the XYZ color 23.5468, 17.9280, 21.2882.



This preview shows how white text looks on a background with the XYZ color 23.5468, 17.9280,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

23.5468, 17.9280, 21.2882

Protanopia

17.8161, 18.1061, 26.2227

Deuteranopia

18.3706, 18.0043, 20.5961



Tritanopia

22.4255, 17.8777, 16.1787

Trichromacy



Original Color

23.5468, 17.9280, 21.2882

Protanomaly

19.3064, 17.5898, 24.2074

Deuteranomaly

19.9259, 17.6713, 20.7731

Tritanomaly

22.8654, 17.9270, 17.8779

Monochromacy



Original Color

23.5468, 17.9280, 21.2882

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

19.4522, 18.0677, 20.5513

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.5468, 17.9280, 21.2882 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(166, 96, 124)` looks like.

```
.text, #text, p{  
    color:rgb(166, 96, 124)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(166, 96, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 96, 124) }
```

Border

The CSS property to change the border of an element to XYZ 23.5468, 17.9280, 21.2882 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(166, 96, 124) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(166, 96, 124) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(166, 96, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 96, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 96, 124);  
box-shadow:4px 4px 4px 4px rgb(166, 96,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 23.5468, 17.9280, 21.2882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 96, 124) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(166, 96,  
124) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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